

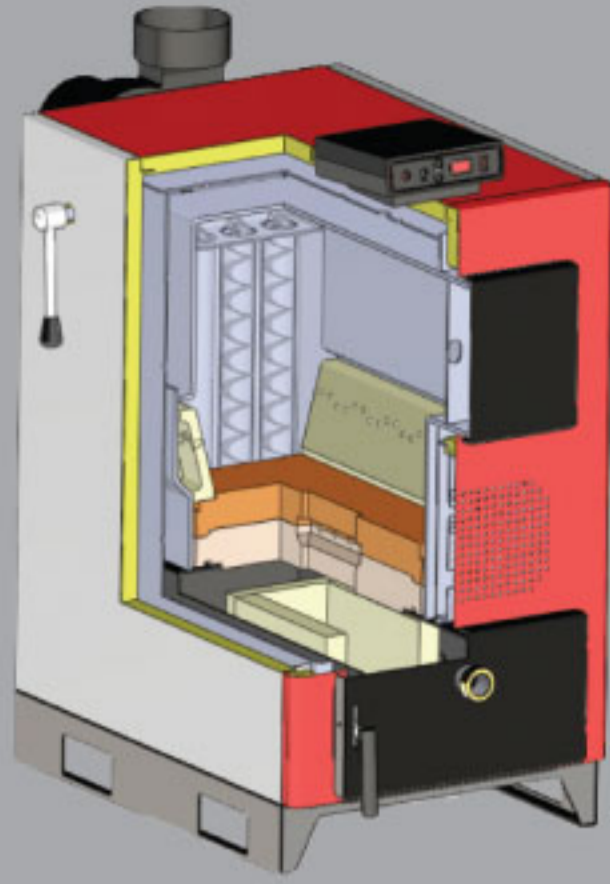


› Wood Gasification Boiler



"Feel the heat..."

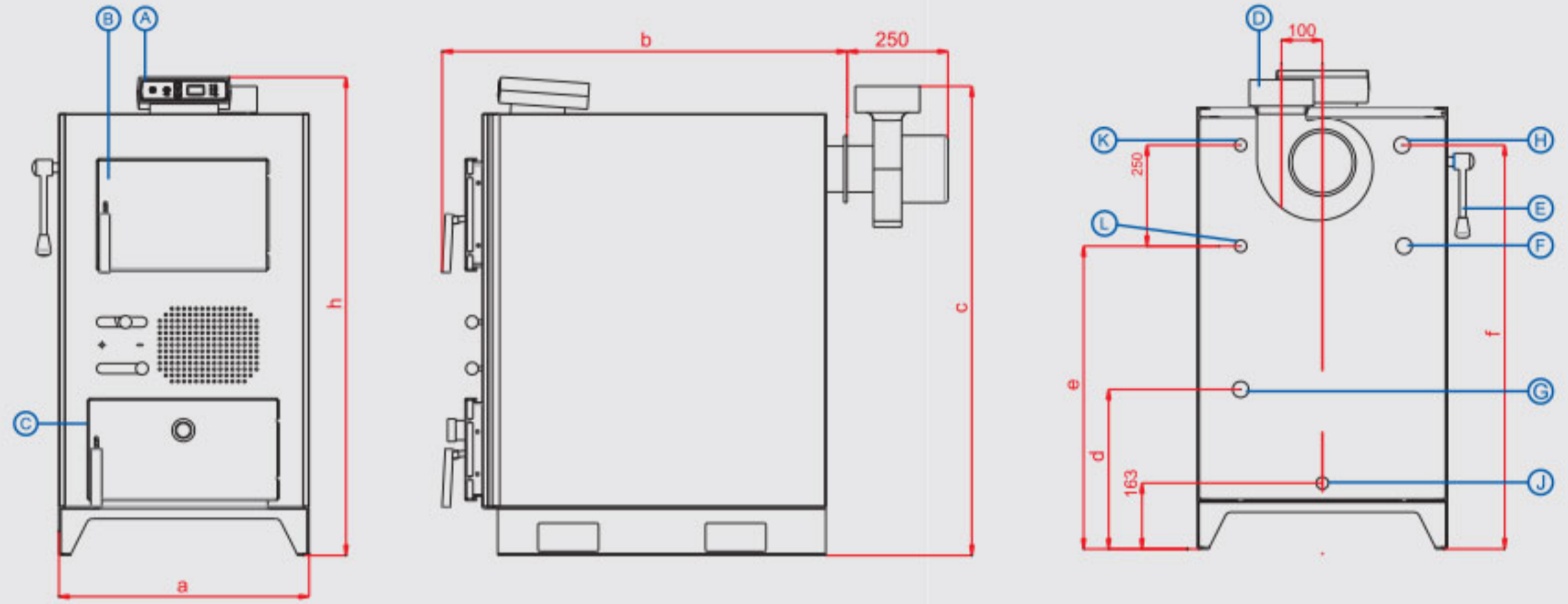




ÜKY/GSF series Wood Gasification Boiler

- **MAXIMUM EFFICIENCY:** Maximum benefit thanks to the high efficiency of the boiler.
- **USER FRIENDLY:** Ergonomical structure provides easy use and cleaning.
- **COMPACT DESIGN:** Compact design provides easy use in narrow places.
- **LONG LIFE:** Runs smoothly many years because of the robust construction.
- **ENVIRONMENTALLY FRIENDLY:** Low emission values.

- A- Control Panel
- B- Fuel Entry
- C- Ash Cleaning Door
- D- Fan
- E- Cleaning Rod
- F- Safety Valve Output
- G- Boiler Input
- H- Boiler Output
- J - Filling , Discharge
- K- Cooling Exchanger Input
- L- Cooling Exchanger Output



TECHNICAL SPECIFICATIONS

Model	ÜKY/GSF	25	40	60	80
Heating Output	kW	25	40	60	80
Efficiency		> 90%			
Recommended Fuel Type		Hardwood- Biomass (18% < Moisture < 25%)			
Recommended Fuel Dimensions	mm	Ø 80x550		Ø 80x600	
Burning Chamber Height	mm	465	770	950	
Burning Chamber Width	mm	340		440	540
Burning Chamber Length	mm	575		625	
Burning Chamber Volume	dm ³	91	151	261	321
Fuel Entry Dimensions	mm	340x245	340x340	540x440	540x540
Water volume	lt	97	110	255	290
Boiler Weight	kg	410	475	650	740
Required Draft	mbar	0,15- 0,18		0,20- 0,25	
Emission Rates (CO)	mg/m ³	< 250			
Min/Max Operating Temperature	°C	60- 85			
Water Return Temperature (Recommended)	°C	55			
Max Operating Pressure	bar	3			
Test Pressure	bar	5			
Dimensions	Length (a)	mm	620	720	850
	Depth (b)	mm	1010		
	Flue Connection Height (c)	mm	1150	1450	1850
	Water Return Connection Height (d)		395		795
	Cooling Exchanger Input Connection Height (e)	mm	750	1050	1450
	Output Connection Height (f)	mm	1000	1300	1700
	Total Boiler Height (h)	mm	1185	1485	1885
Flue Outlet Diameter	mm	160		200	
Min-Max Flue Temperature	°C	190- 210			
Boiler Output- Input	R"	1"	1 ¼"		1 ½"
Safety Valve Output	R"	1"			
Filling- Discharge	R"	1/2"			
Cooling Exchanger Input-Output	R"	1/2"			
Electrical connection	V/Hz	230 V- 50Hz			

The right to make changes in dimension is reserved.

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ÜNLÜSOY
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